In re Appln. of TAKEUCHI et al. Application No. Unassigned

SPECIFICATION AMENDMENTS

Replace the paragraph beginning at page 1, line 11 with:

Hitherto, in an operation circuit for use in an operation mechanism to drive a power switching device, as shown on page 4 and Figs. 9 to 11 of the Japanese Patent Publication (unexamined) No. 033034/2002, it-is-arranged such that two discharge switches such as thyristor switch, which thyristors are provided so as to be and controlled from outside, are made and turned ON in synchronization with an opening command or a closing command, and are made turned OFF at the moment of completion of such opening operation or closing operation.

Replace the paragraph beginning at page 1, line 20 with:

In the mentioned conventional operation circuit for use in an operation mechanism to drive a power-switching device is of above arrangement, there exist the following problems.

Replace the paragraph beginning at page 1, line 23 with:

In the conventional operation circuit, an opening coil and a closing coil are connected in parallel to capacitors, and electric energy is discharged by means of discharge switches connected in serial series to these two coils, respectively. In this known arrangement, it is general that the mentioned opening coil and closing coil are disposed adjacent to each other within the operation mechanism. Accordingly, a problem exists in that any induction current, which flows in a direction opposite to a current direction of the coil of the excitation side, is generated through the coil of the non-excitation side due to magnetic coupling when current is carried. Thus a magnetic flux necessary for driving is cancelled, and the generation of a driving force is inhibited.

Replace the paragraph beginning at page 3, line 12 with:

Figs. 3 (a) and $\underline{3}$ (b) are <u>internal</u> cross sectional views of an internal each part showing an opening state of the operation mechanism of the power switching device according to the invention.

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Replace the paragraph beginning at page 3, line 24 with:

Figs. 8 (a) and $\underline{8}$ (b) are simulation examples of a circuit, each showing technical effects of the operation circuit according to another embodiment of the invention.

Replace the paragraph beginning at page 5, line 22 with:

Fig. 2 is a perspective view showing an example of an operation mechanism 19 for carrying out an opening and closing operation using the mentioned operation circuit. Fig. 3

(a) is a cross sectional view of an internal part of this perspective view taken along the line B- IIIa-IIIa of Fig. 3(b). Fig. 3(b) is a cross sectional view taken along the line A-A IIIb-IIIb of Fig. 3(a).

Replace the paragraph beginning at page 13, line 8 with:

Figs. 8(a) and $\underline{8}$ (b) show results, which are obtained on the test of effects by a circuit analysis.